

PLUGGABLE PLANAR BOARD

ABSTRACT OF THE INVENTION

5 A printed circuit board assembly which is capable of being inserted and removed from the system to which it is electrically connected, even when fully populated with connected printed circuit cards, comprises a multilayer structure. A middle layer printed board is sandwiched between a nonconductive base on the bottom and a stiffener disposed on the top. The stiffener is preferably electrically conductive to provide an EMI (electromagnetic
10 interference) shielding function. The base support and stiffener together support a mechanism for insertion and removal of the entire board via an edge connector disposed along a back edge of the board.